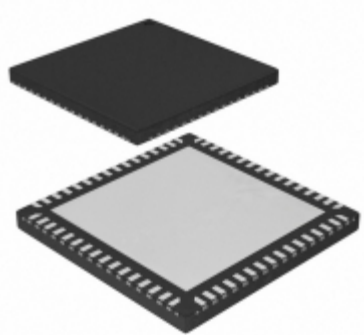


AT90USB646-MU



Part Number: [AT90USB646-MU](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 64KB FLASH 64QFN
Data sheet: [AT90USB\(64x,128x\) Summary](#)
[AT90USB64x,128x Complete](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	AT90USB646-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19073 pcs	Data sheet	AT90USB(64x,128x) Summary AT90USB64x,128x Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	16MHz
Series	AVR® 90USB	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Other Names	AT90USB646-16MU AT90USB646-16MU-ND AT90USB646MU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	48	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 64KB (64K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I ² C, SPI, UART/USART, USB, USB OTG
Base Part Number	AT90USB646		

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